


		NTSB ID: ATL01LA032		Aircraft Registration Number: N208KW	
		Occurrence Date: 01/31/2001		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place KEY WEST		State FL	Zip Code 33045	Local Time 1040	Time Zone EST
Airport Proximity: On Airport		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Cessna		Model/Series 208		Type of Aircraft Airplane	
Sightseeing Flight: Yes			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On January 31, 2001, at 1040 eastern standard time, a Cessna 208, N208KW, collided with water during landing off-shore in the Dry Tortugas National Park near Fort Jefferson, 70 miles west of Key West, Florida. The airplane was operated by Seaplanes of Key West, and flown by the Airline Transport Pilot (ATP) under the provisions of Title 14 CFR Part 135, and visual flight rules. Visual meteorological conditions prevailed and a visual flight rules flight plan was filed for the local sightseeing flight. The pilot and nine passengers were not injured and the airplane sustained substantial damage. The flight originated from Key West, Florida, at 1000.</p> <p>According to the pilot, while making a normal approach, including a flyby to evaluate landing conditions, he observed that one of the ferryboats was arriving in the south channel. He planned and performed a water landing to avoid any past wake swells created by the ferry boat in the landing area. Approximately 1/2 to 3/4 through the landing slide, with the airplane slowed to approximate 30 - 35 knots, a large swell appeared and launched the airplane 10-15 feet above the water. This swell was completely separated from the boat wake that had been observed earlier. The pilot further stated that, at this point, he was "powerless" to do anything but wait for the airplane to settle. After the airplane settled on the water, the pilot taxied to shallow water where assistance was received from park service in deplaning the airplane.</p> <p>The examination of the airplane disclosed that the rear float/strut attach point had failed and the strut assembly had penetrated the airframe skin. No mechanical problems with the airplane were reported by the pilot. According to the pilot, the swell that launched the airplane during the landing was not seen until it was too late for him to avoid the collision.</p>					
FACTUAL REPORT - AVIATION					

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		Occurrence Date: 01/31/2001				
		Occurrence Type: Accident				
Landing Facility/Approach Information						
Airport Name Key West International		Airport ID: KEYW	Airport Elevation Ft. MSL	Runway Used	Runway Length	Runway Width
Runway Surface Type: Water						
Runway Surface Condition: Water--calm						
Type Instrument Approach: NONE						
VFR Approach/Landing: Full Stop						
Aircraft Information						
Aircraft Manufacturer Cessna		Model/Series 208		Serial Number 20800292		
Airworthiness Certificate(s): Normal						
Landing Gear Type: Amphibian						
Homebuilt Aircraft? No		Number of Seats: 10	Certified Max Gross Wt. 8360 LBS	Number of Engines: 1		
Engine Type: Turbo Prop		Engine Manufacturer: P&W	Model/Series: PT8-114A	Rated Power: 675 LBS		
- Aircraft Inspection Information						
Type of Last Inspection Continuous Airworthiness		Date of Last Inspection 01/30/2001	Time Since Last Inspection 0.5 Hours	Airframe Total Time 1787 Hours		
- Emergency Locator Transmitter (ELT) Information						
ELT Installed? Yes		ELT Operated? No	ELT Aided in Locating Accident Site? No			
Owner/Operator Information						
Registered Aircraft Owner SEAPLANES OF KEY WEST		Street Address 3471 SOUTH ROOSEVELT BLVD				
		City KEY WEST	State FL	Zip Code 33040		
Operator of Aircraft Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner				
		City	State	Zip Code		
Operator Does Business As:				Operator Designator Code: SZ8A		
- Type of U.S. Certificate(s) Held:						
Air Carrier Operating Certificate(s): On-demand Air Taxi						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Part 135: Air Taxi & Commuter						
Type of Flight Operation Conducted:						
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First Pilot Information																																																																																				
Name		City		State	Date of Birth	Age																																																																														
On File		On File		On File	On File	45																																																																														
Sex: M	Seat Occupied: Left	Principal Profession: Civilian Pilot		Certificate Number: On File																																																																																
Certificate(s): Airline Transport																																																																																				
Airplane Rating(s): Single-engine Land; Single-engine Sea																																																																																				
Rotorcraft/Glider/LTA: None																																																																																				
Instrument Rating(s): Airplane																																																																																				
Instructor Rating(s): None																																																																																				
Type Rating/Endorsement for Accident/Incident Aircraft? Yes				Current Biennial Flight Review? 12/05/2000																																																																																
Medical Cert.: Class 2		Medical Cert. Status: Valid Medical--no waivers/lim.		Date of Last Medical Exam: 03/16/2000																																																																																
<table border="1"> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> <tr> <td>Total Time</td> <td>15000</td> <td>2620</td> <td></td> <td></td> <td>400</td> <td>100</td> <td>50</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td>14700</td> <td>2595</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>140</td> <td>110</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>65</td> <td>55</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	15000	2620			400	100	50				Pilot In Command(PIC)	14700	2595									Instructor											Last 90 Days	140	110									Last 30 Days	65	55									Last 24 Hours	0	0								
- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night							Instrument					Rotorcraft	Glider	Lighter Than Air																																																																	
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Seatbelt Used? Yes		Shoulder Harness Used? Yes		Toxicology Performed? No		Second Pilot? No																																																																														
Flight Plan/Itinerary																																																																																				
Type of Flight Plan Filed: None																																																																																				
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																															
Same as Accident/Incident Location			EYW	1000	EST																																																																															
Destination		State	Airport Identifier																																																																																	
Local Flight			EYW																																																																																	
Type of Clearance: None																																																																																				
Type of Airspace: Class C																																																																																				
Weather Information																																																																																				
Source of Briefing: No record of briefing																																																																																				
Method of Briefing: Unknown																																																																																				


 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: ATL01LA032			
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		Occurrence Type: Accident			

Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
MIA	0956	EST	8 Ft. MSL	NM	Deg. Mag.
Sky/Lowest Cloud Condition: Clear				Ft. AGL	Condition of Light: Day
Lowest Ceiling: None			Ft. AGL	Visibility: 10 SM	Altimeter: 30.10 "Hg
Temperature: 23 °C	Dew Point: 19 °C		Wind Direction: 150		Density Altitude: 1000 Ft.
Wind Speed: 8	Gusts:		Weather Conditions at Accident Site: Visual Conditions		
Visibility (RVR): Ft.	Visibility (RVV) SM		Intensity of Precipitation:		
Restrictions to Visibility:					
Type of Precipitation:					

Accident Information					
Aircraft Damage:		Aircraft Fire:		Aircraft Explosion	
Classification:					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers				9	9
- TOTAL ABOARD -				10	10
Other Ground					
- GRAND TOTAL -				10	10

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	Occurrence Type: Accident	
Administrative Information		
Investigator-In-Charge (IIC) BUTCH WILSON		
Additional Persons Participating in This Accident/Incident Investigation: Ron Bird MIAMI FSDO MIAMI, FL		
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